

A B S T R A C T

The invention relates to compositions for cables filling wherein a styrene-butadiene block copolymer with radial structure is used as a gelling agent. This polymer is obtained through styrene and butadiene sequential polymerization and subsequent reaction with a coupling agent preferably of type  $Cl_{4-n}MR_n$ , wherein M = Sn or Si, R is an alkyl or aryl group and n is an integer from 0 to 2, and hydrogenation of the resulting polymer. This type of copolymer brings a higher stability to the final properties of the gel as compared with the linear hydrogenated synthetic rubbers usually used in the prior art.